



# HUB TESTING LABORATORY, INC.

Environmental Testing and Consulting Service  
Certified Woman-owned Business Enterprise (WBE)

95 Beaver Street  
Waltham, MA 02453

(781) 893-8330  
FAX (781) 893-4414  
www.hubtesting.net

May 17, 2016

Report For: City of Somerville-DPW  
Attn: Walter Whitney  
Superintendent of Buildings & Grounds  
1 Franey Road  
Somerville, MA 02145

Hub ID: 26168

Project ID: Benjamin G. Brown School  
201 Willow Avenue  
West Somerville Neighborhood School  
177 Powder House Boulevard

Date Collected: May 5, 2016

Scope: Twenty eight (28) samples of water were collected by Hub Testing Laboratory at the above noted project addresses. Seven (7) samples were collected at the Brown School, and twenty one (21) samples were collected at the West Somerville Neighborhood School. It was requested that the samples be analyzed for lead and copper. The samples were collected from kitchen sinks and water fountains through the school. Sinks and fountains were flushed the previous evening and sampled as a first draw sample in the morning before being occupied.

Methodology: Lead was analyzed using SM 3113B. Copper was analyzed using EPA 200.7.

### Brown School Results:

Hub ID	Location	Lead (mg/L)	Copper (mg/L)	Standard/Limit
26168-B1	Outside cafeteria – white ceramic	0.007	0.11	Copper – 1.3 mg/L
26168-B2	Outside bathroom, white ceramic	0.002	0.079	
<b>26168-B3</b>	<b>Cafeteria left side sink</b>	<b>0.022</b>	0.36	
26168-B4	Cafeteria right side sink	0.001	0.078	Lead - 0.015 mg/L
26168-B5	1 <sup>st</sup> Floor hall, white ceramic	0.002	0.086	
26168-B6	Halsey Taylor fountain, 2 <sup>nd</sup> floor hall (older)	0.004	0.065	
26168-B7	Halsey Taylor fountain, 3 <sup>rd</sup> floor by men’s room	ND	0.13	

ND – None Detected

West Somerville Neighborhood School:

Hub ID	Location	Lead (mg/L)	Copper (mg/L)	Standard/Limit
26168-WSN-1	Entry hall bathrooms, low	ND	0.08	Copper – 1.3 mg/L Lead - 0.015 mg/L
26168-WSN-2	Entry hall bathrooms, high	ND	0.08	
26168-WSN-3	Sanitize deep sink	0.004	0.14	
26168-WSN-4	Sanitize deep sink	0.002	0.19	
26168-WSN-5	Vegetable preparation sink	0.004	0.13	
26168-WSN-6	Classroom sink/fountain room 102	0.002	0.13	
<b>26168-WSN-7</b>	<b>Classroom sink/fountain room 103</b>	<b>0.023</b>	0.14	
26168-WSN-8	Classroom sink/fountain room 104	0.004	0.15	
26168-WSN-9	Classroom sink/fountain room 105	ND	0.15	
26168-WSN-10	Classroom sink/fountain room 106	0.003	0.14	
26168-WSN-11	Classroom sink/fountain room 107	0.002	0.15	
26168-WSN-12	Room 108 near perimeter	0.003	0.15	
26168-WSN-13	Room 108 interior	0.002	0.15	
26168-WSN-14	Main corridor bathroom, low	ND	0.051	
26168-WSN-15	Main corridor bathroom, high	ND	0.054	
26168-WSN-16	Gym	ND	0.13	
26168-WSN-17	Record room, 210	0.005	0.16	
26168-WSN-18	Teachers break room, 213	0.008	0.12	
26168-WSN-19	Main hall bathrooms, low	ND	0.049	
26168-WSN-20	Main hall bathrooms, high	ND	0.052	
26168-WSN-21	Room 313	0.002	0.13	

Lab Certification #: MA1118

ND – None Detected

**MCL** – Maximum Contaminant Level established by the EPA – it is the maximum permissible level of a contaminant in water that is delivered to any consumer of a public water system.

Comments: The MCL for Lead in drinking water is 0.015mg/L and the MCL from Copper is 1.3 mg/L. The results for lead were found to be above the standard in the sample collected at the Brown School at the cafeteria left side sink and at the West Somerville Neighborhood School at the Classroom sink/fountain in room 103. All of the remaining samples submitted are below the acceptable recommended measurements for primary characteristics for drinking water as proposed by the Environmental Protection Agency and/or Massachusetts Drinking Water Standards.



Susan Boyle, President  
Hub Testing Laboratory